

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
17 November 2005 (17.11.2005)

PCT

(10) International Publication Number
WO 2005/109124 A1

(51) International Patent Classification⁷: **G05B 19/042**

(21) International Application Number:
PCT/US2005/015392

(22) International Filing Date: **4 May 2005 (04.05.2005)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
60/567,980 **4 May 2004 (04.05.2004) US**

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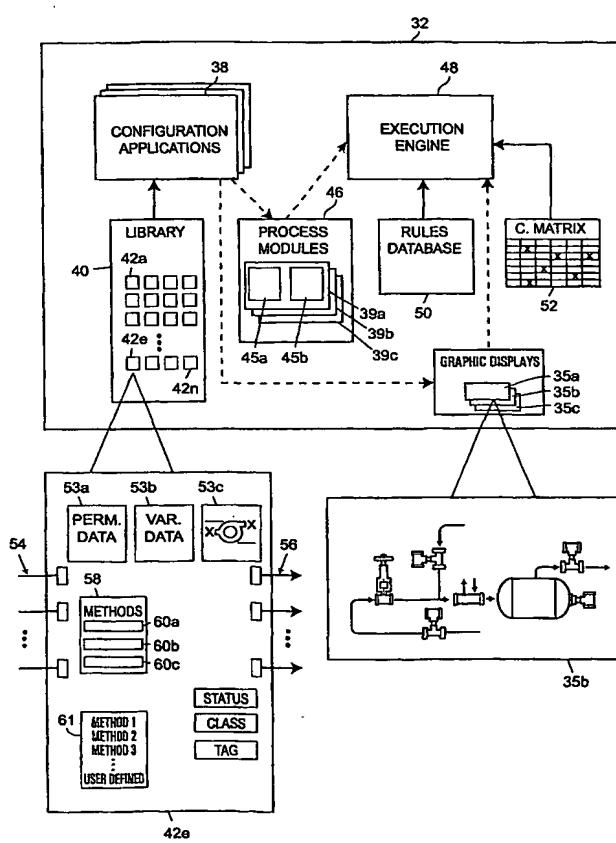
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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: **A PROCESS PLANT USER INTERFACE SYSTEM HAVING CUSTOMIZED PROCESS GRAPHIC DISPLAY LAYERS IN AN INTEGRATED ENVIRONMENT**



(57) Abstract: A method useful for providing a user interface for a process plant includes displaying graphical depictions of process plant elements of the process plant via the user interface. Information is generated for a plurality of content layers of a process graphic display of the process plant elements by processing data regarding operation of the process plant. Content to be displayed via the user interface is determined from the generated information by determining which content layer of the plurality of content layer is to be displayed. In some embodiments, the determination may be made based on a user profile characteristic. The generated information may therefore support multiple views of the process plant via the user interface for a plurality of different types of users of the user interface, and may involve processing data regarding actual and simulated operation of the process plant. As a result, the method may also include determining whether the process plant is currently on-line to further determine the portion of the information to be displayed via the user interface.

WO 2005/109124 A1



(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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Published:

— with international search report